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L-P/104H

In the Specification

Page 2, the paragraph on lines 10-27, is amended as follows:

In some injectors, the syringe can only be removed or replaced while the plunger drive is fully retracted. As illustrated in Fig. 1A, typically an empty syringe 10 is filled with sterile air, with the plunger 12 at the fully retracted position as shown. The plunger drive includes a jaw ~~[[18]]~~ 20 designed to engage and disengage a button 14 on the rear side of the plunger while the plunger is in this fully-retracted position. Before an empty new syringe can be filled, it is necessary that the plunger be moved fully forward in the syringe so that the syringe can be filled by rearward retraction of the plunger. Thus, the reloading operation can involve fully retracting the plunger drive to allow removal and replacement of the syringe, then fully advancing the plunger drive and plunger to expel air from the syringe, and then retracting the plunger drive and plunger to fill the syringe. These lengthy, manual movements of the plunger and drive are time consuming.

Pages 21-22, the paragraph bridging the pages is amended as follows:

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At the direction of CPU 52, circuit board 160 also controls heater blanket 176, which heats the contrast fluid in the syringe. Furthermore, circuit board 160 controls movement indicator board 178. Movement indicator board 178 is mechanically coupled to the plunger 12 and includes two light emitting diodes LEDs 179 which are visible through window 44 on the powerhead (Fig. 2B). LEDs 179 provide the operator with feedback on the position of the plunger, by correlating the position of the diodes with the graduated scale on window 44. The two sides of the window 44 contain different graduated scales: one calibrated for large syringes and one for small syringes. Depending on the syringe size detected by sensor 174, the LED next to the appropriate graduated scale is illuminated. Furthermore, as discussed in more detail below, when the plunger is moving, CPU 52 directs circuit board 160 to flash the LED. Also, when the CPU 52 enters its "locked mode" (discussed above), CPU 52 directs circuit board 160 to steadily light the LED. Thus, LEDs 179 provide operator feedback on the plunger position, direction of motion, and the "locked mode".

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In the Drawings

A corrected first sheet of drawings showing a changed reference numeral, is attached hereto.